

# Anti-Dectin-1 antibody [2A11] ab53427

**5 References** [画像数 1](#)

### 製品の概要

製品名	Anti-Dectin-1 antibody [2A11]
製品の詳細	Rat monoclonal [2A11] to Dectin-1
由来種	Rat
アプリケーション	<b>適用あり:</b> Flow Cyt <b>適用なし:</b> IHC-P or IHC-R
種交差性	<b>交差種:</b> Mouse
免疫原	<b>This product was produced with the following immunogens:</b> Recombinant full length protein corresponding to Dectin-1 . Recombinant soluble Dectin-1 .  Tissue, cells or virus. Dectin-1 transfected NIH3T3 cells

### 特記事項

ab53427 inhibits the binding of zymosan to macrophages via the beta glucan receptor. Fusion Partners: Spleen cells from immunised Fischer rats were fused with cells of the rat Y3 myeloma cell line.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Protein G purified

特記事項 (精製)	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
一次抗体 備考	ab53427 inhibits the binding of zymosan to macrophages via the beta glucan receptor. Fusion Partners: Spleen cells from immunised Fischer rats were fused with cells of the rat Y3 myeloma cell line.
ポリ/モノ	モノクローナル
クローン名	2A11
アイソタイプ	IgG2b

アプリケーション

The Abpromise guarantee      Abpromise保証は、次のテスト済みアプリケーションにおけるab53427の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

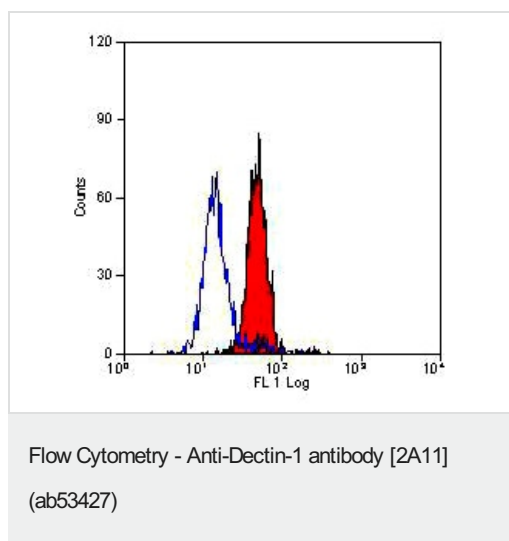
アプリケーション	Abreviews	特記事項
Flow Cyt		1/10 - 1/50. Use 10µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100µl. <b>ab18536</b> - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

追加情報      Is unsuitable for IHC-P or IHC-R.

ターゲット情報

機能	Lectin that functions as pattern receptor specific for beta-1,3-linked and beta-1,6-linked glucans, such as cell wall constituents from pathogenic bacteria and fungi. Necessary for the TLR2-mediated inflammatory response and for TLR2-mediated activation of NF-kappa-B. Enhances cytokine production in macrophages and dendritic cells. Mediates production of reactive oxygen species in the cell. Mediates phagocytosis of C.albicans conidia. Binds T-cells in a way that does not involve their surface glycans and plays a role in T-cell activation. Stimulates T-cell proliferation.
組織特異性	Highly expressed in peripheral blood leukocytes and dendritic cells. Detected in spleen, bone marrow, lung, muscle, stomach and placenta.
関連疾患	Defects in CLEC7A may be a cause of familial candidiasis type 4 (CANDF4) [MIM:613108]. It is a rare disorder with altered immune responses and impaired clearance of fungal infections, selective against Candida. It is characterized by persistent and/or recurrent infections of the skin, nails and mucous membranes caused by organisms of the genus Candida, mainly Candida albicans.
配列類似性	Contains 1 C-type lectin domain.
翻訳後修飾	Phosphorylated on tyrosine residues in response to glucan binding.
細胞内局在	Cytoplasm and Cell membrane.

画像



Staining of mouse granulocytes with Rat anti mouse beta Glucan Receptor. (ab53427).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors